IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Conference
Manufacturer:	Tandberg
Firmware Version:	F9.3.1 NTSC
Model(s):	6000 MXP, 7000 MXP, 8000 MXP, Maestro MXP

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.16	3.5.0

Version History:

Driver Version	Date	Notes
3	5/6/2013	Extron Certified. Updated to latest firmware
2	3/26/2010	Extron Certified. Added Reboot, Wake, Output Select, Virtual Monitor Select, and Virtual Monitor Type commands. Tested on 6000 MXP.
1	12/21/2009	Extron Certified. Tested on 6000 MXP. Initial version

Driver Notes:

Output Select and Virtual Monitor Type commands are dependent of Virtual Monitor Select command.
In order create a Virtual Monitor, select the Virtual Monitor under the Virtual Monitor command, select a Virtual Monitor Type, and then select the output desired.

Dialing Configuration:

The Keypad is configured to display the digits on the field located at the top of the page. When the desired number is entered press the Call button, which is bound with the Phone - Call command, and that will connect you with the number you entered.

The Delete button will delete the last number displayed on the touch panel and is configured with the press/repeat functionality. The Clear button will clear all numbers entered.

The Label on the top of the page, “Please enter a number and press Call”, is configured in GUI Configurator with an ID in the range of 50000 to 50020 and with the Dynamic text parameter enabled.

Control Commands & States:

Auto Answer	On	Off	Mute
Camera Select	1 – 13		
Dial Keypad	0 – 9	*	#
	.	Delete	Clear
Display Mode	Dual	Single	
Dynamic Text ID	50000 – 50020		
Focus (Far)	Near	Far	
Focus (Near)	Near	Far	Auto
	Stop		
Hook	On	Off	
Input	1 – 6		
Input (Far)	1 – 6		
Input (Near)	1 – 6		
IR Remote Emulation	0 – 9	#	*
	Call	Disconnect	Up
	Down	Left	Right
	Grab	Layout	Mic Off
	OK	Phonebook	Presentation
	Selfview	Volume Up	Volume Down
	Zoom In	Zoom Out	Cancel
Layout	Toggle		
Menu Navigation	Up	Down	Left
	Right	OK	Phonebook
Microphone Mute	On	Off	
Output Select	DVI 1	DVI 2	TV1
	TV2		
Pan-Tilt (Far)	Up	Down	Left
	Right		

Pan-Tilt (Near)	Up	Down	Left
	Right	Stop	
Picture In Picture	Auto	On	Off
Power Management	On	Off	
Presentation	Off/On		
Presentation Source	1 – 6		
Preset Recall (Far)	1 – 15		
Preset Recall (Near)	1 – 15		
Preset Save (Far)	1 – 15		
Preset Save (Near)	1 – 15		
Reboot	Execute		
Selfview	Off/On		
Virtual Monitor Select	1 – 4		
Virtual Monitor Type	LocalMain	LocalDuo	RemoteMain
	RemoteDuo	Still	JPEG
	TandbergMonitor1	TandbergMonitor2	PictureProgram2
	PictureProgram1	PictureProgram3	PictureProgram4
	None		
Volume (Discrete)	0 to 21 in steps of 1		
Volume (Step)	Up	Down	
Wake	Execute		
Zoom (Far)	In	Out	
Zoom (Near)	In	Out	Stop

Status Available:

Auto Answer	On	Off	Mute
Call Status	Connected	Not In Call	Status Unavailable
Connection Status	Connected	Disconnected	
Display Mode	Dual	Single	
Input (Near)	1 – 6		
Microphone Mute	On	Off	
Picture In Picture	Auto	On	Off
Power Control	On	Off	
Volume (Discrete)	0 to 21 in steps of 1		

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default Password:	TANDBERG
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	No

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters.

Notes for the Device: